

Converting Colors

YUV(100.8450, -32.4616,
-88.4411)

Have a look what the booklet for
YUV(100.8450, -32.4616, -88.4411)
contains.

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Color

**YUV(100.8450, -32.4616,
-88.4411)**

Conversions

Conversions Part 1

Format	Color
Hex	00A523
RGB	0, 165, 35
RGB Percent	0%, 65%, 14%
CMY	1.0000, 0.3529, 0.8627
CMYK	1.00, 0.00, 0.79, 0.35
HSL	133°, 100%, 32%
HSV	133°, 100%, 65%
XYZ	13.7585, 27.0316, 6.0826
YIQ	100.8450, -56.6100, -75.4100

Conversions

Conversions Part 2

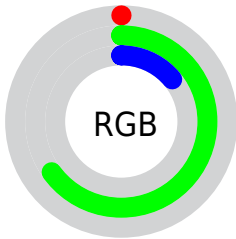
Format	Color
RYB	0, 136, 165
Decimal	42275
CIELab	59.00, -60.76, 52.86
CIELCh	59, 80.536, 138.977
Yxy	27.0316, 0.2935, 0.5767
Android (android.graphics.Color)	4278232355 (0xFF00A523)
YUV	100.8450, -32.4616, -88.4411
Hunter-Lab	51.9919, -43.7498, 29.4580

Details

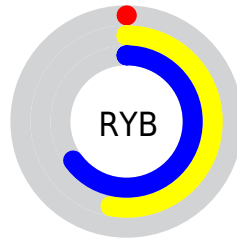
The YUV color **100.8450, -32.4616, -88.4411** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **64.1550, 32.4616, 88.4411**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4950, -38.2050, -66.2091**, and **65.1570, -32.1224, -57.1427** is the 20% darker color. If you saturate the color by 10%, you get **100.8450, -32.4616, -88.4411**, and if you desaturate by 10%, it is **107.1110, -29.1417, -79.9043**.

Distribution



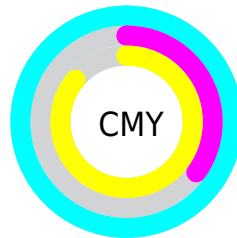
- Red (0%)
- Green (65%)
- Blue (14%)



- Red (0%)
- Yellow (53%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (79%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.8450, -32.4616, -88.4411 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 100.8450, -32.4616, -88.4411 by changing the saturation by 10% instead.

■ 100.8450,
-32.4616, -88.4411

■ 100.8450,
-32.4616, -88.4411

■ 255.0000, 0.0000,
0.0000

■ 81.0060, -39.9360,
-71.0423

■ 167.4950,
-38.2050, -66.2091

■ 65.1570, -32.1224,
-57.1427

■ 196.8650,
-39.3734, -64.7796

■ 50.4820, -24.8876,
-44.2727

■ 212.1470,
-33.5965, -50.9949

■ 35.8070, -17.6529,
-31.4027

■ 224.0100,
-25.6409, -35.9658

■ 21.7190, -10.7075,
-19.0476

■ 236.4710,
-17.9802, -19.7071

■ 0.0000, 0.0000,
0.0000

■ 248.7470, -9.7353,

-4.1631

■ 100.8450,
-32.4616, -88.4411

■ 107.1110,
-29.1417, -79.9043

■ 113.6760,
-25.9693, -70.7529

■ 120.2410,
-22.7968, -61.6014

■ 126.5070,
-19.4770, -53.0646

■ 132.7730,
-16.1571, -44.5279

■ 139.3380,
-12.9846, -35.3764

■ 145.6040, -9.6648,
-26.8397

■ 152.1690, -6.4923,
-17.6882

■ 158.4350, -3.1725,
-9.1515

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



127.7950, -63.0029, 1.0568



100.8450, -32.4616, -88.4411



113.2590, -0.1277, -99.3281

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



100.8450, -32.4616, -88.4411



121.8160, 65.6597, -106.8326



122.3920, -10.5463, 116.2972

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



100.8450, -32.4616, -88.4411



64.1550, 32.4616, 88.4411

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



129.7740, 20.3244, 108.0692



100.8450, -32.4616, -88.4411



126.8530, 63.1765, -56.8761

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



100.8450, -32.4616, -88.4411



128.0620, 59.1294, -112.3104



144.5180, 45.1006, 47.7807



131.6460, -49.6185, 95.0265

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



100.8450, -32.4616, -88.4411



120.0190, 20.6966, -105.2567



144.5180, 45.1006, 47.7807



120.9050, 1.5258, 117.6013

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



100.8450, -32.4616, -88.4411



189.1640, -12.4059, -34.3468



136.3230, -67.2072, -3.7913



92.2180, -7.5025, -20.3622



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



100.8450, -32.4616, -88.4411



130.7480, -42.2738, -114.6660



110.0790, 2.9191, -96.5393



78.5110, -1.7309, -4.8331



88.6490, -28.4210, -77.7452



11.0220, -3.4618, -9.6663

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



64.1550, 32.4616, 88.4411



83.2520, 42.2738, 114.6660



55.0350, -2.4823, 96.4393



76.4890, 1.7309, 4.8331



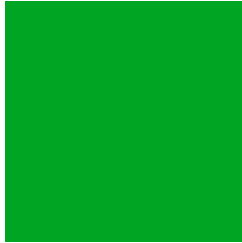
56.4650, 28.8578, 77.6452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 100.8450, -32.4616, -88.4411 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 100.8450, -32.4616, -88.4411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 100.8450, -32.4616, -88.4411 Background



This preview shows how black text looks on a background with the YUV color 100.8450, -32.4616, -88.4411.



This preview shows how white text looks on a background with the YUV color 100.8450, -32.4616, -88.4411.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Protanopia

133.6140, -51.5747, 22.2635

Deuteranopia

136.8680, -43.3189, 34.3188

Tritanopia

129.6540, 17.9186, -54.0706

Trichromacy



Protanomaly

121.7830, -44.7560, -18.2267

Deuteranomaly

123.6190, -39.2522, -10.1899

Tritanomaly

119.0550, -0.5201, -66.7002

Monochromacy



Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.7020, -11.6851, -32.1877

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.8450, -32.4616, -88.4411 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 165, 35)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 35)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 165, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 35) }
```

Border

The CSS property to change the border of an element to YUV 100.8450, -32.4616, -88.4411 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 165, 35) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(0, 165, 35) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(0, 165, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 35);  
box-shadow:4px 4px 4px 4px rgb(0, 165, 35)  
}
```


Background

The CSS property to change the background color of an element to YUV 100.8450, -32.4616, -88.4411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 35) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 165,  
35) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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